

1. Amendments to the Specification

Please amend the specification as follows (below).

At page 40, starting at line 1, the section entitled Abstract, of the specification, please replace the section with the following rewritten section:

**ABSTRACT**

Nanoparticles comprising zinc, methods of manufacturing nanoparticles comprising zinc, and applications of nanoparticles comprising zinc, such as electrically conducting formulations, reagents for fine chemical synthesis, pigments and catalysts are provided, and more particularly, a nanomaterial composition of matter comprising zinc; and at least one metal other than zinc, wherein the at least one metal comprises an element, that a) has an oxidation state higher than an oxidation state of zinc and b) dopes zinc in the nanomaterial composition, and wherein the composition of matter has an electrical conductivity greater than 0.0001 mhos.cm are provided.